PROCEEDINGS

OF THE

EDINBURGH MATHEMATICAL SOCIETY.

VOLUME XV.

SESSION 1896-97.

Reprinted with permission of
Edinburgh Mathematical Society
by
KRAUS REPRINT LTD
Vaduz
1965

PROCEEDINGS

OF THE

EDINBURGH MATHEMATICAL SOCIETY.

VOLUME XV.

SESSION 1896-97.

Reprinted with permission of
Edinburgh Mathematical Society
by
KRAUS REPRINT LTD
Vaduz
1965

Printed in Germany

INDEX.

PAGE

AIYAR, V. R.

A General Theorem on the Nine-points Circle, - - 74

ALISON, J.

Maximum and Minimum, - - - - - - - 83

ANDERSON, R. E.

Extension of the "Medial Section" Problem (Euclid II. 11; VI. 30, etc.) and derivation of a Hyperbolic Graph, - - - - - - - - - 65

ANGLIN, PROFESSOR A. H.

Theorems on Normals of an Ellipse - - - - - 70

BUTTERS, J. W.

A Geometrical Proof of certain Trigonometrical Formulæ, - - - - - - - - - 86

CARSLAW, H. S.

The Steady Motion of a Spherical Vortex, - - - 76

CLARK, J. B.

On a Proof of the Fundamental Combination Theorem, 82

DOUGALL, J.

Proof of the theorem that the mid-points of the three diagonals of a complete quadrilateral are collinear, - - - - - - - - - 81

HÖPPNER, J. D.

An application of Sturm's Functions [Title], - - 85

JACK, PROFESSOR.

The Factorisation of $1 - 2x^n\cos\alpha + x^{2n}$, - - - 97

PAGE

JACKSON, F. H.

Certain Expansions of x^n in Hypergeometric Series, - 90

MACDONALD, J. A.

The C-Discriminant as an Envelope [Title], - - 97

MACKAY, J. S.

Isogonic Centres of a Triangle, - - - - - - 100

MORGAN, A.

On the Geometrical Representation of Elliptic Integrals of the First Kind, - - - - - - - 2

MUIRHEAD, R. F.

A Geometrical Theorem with application to the Proof of the Collinearity of the mid-points of the Diagonals of the Complete Quadrilateral, - - 98

On a Method of Studying Displacement, - - - 119

On Superposition by the Aid of Dissection, - - 128

OFFICE-BEARERS, - - - - - - - - - - 1

PEDDIE, W.

On the Foundations of Dynamics [Title], - - - 65

The Bessel Functions and their Zeros [Title], - - 98

TUCKER, R.

Geometrical Note, - - - - - - - - - 98

TWEEDIE, C.

Note on a Theorem in connection with the Hessian of a Binary Quantic, - - - - - - - 65